

Assignment 2 Documentation

Execution

Tests for each of the classes can be run by executing the main method within each class file with the proper dependencies attached. Included with the assignment is the driver class file Assignment2Test.java that will run the tests for all three classes simultaneously.

Status

All class tests successfully pass when compiled correctly. Class tests cover all methods excluding the constructors (although the constructor methods are used to test the other methods). Code for the classes are complete, testing is mostly through.

Maintenance

The subclass BasicDoctor is functionally identical to its parent Person class save for the prefix “Dr.” added to the toString method. Meaning there should be no complications containing BasicDoctor classes within Ward, despite lack of testing. Ward class should only be accessed though the bed labels assigned to it at construction, however using getBedIndex and getBedLabel you can convert between array index and bed label position. Dependencies are listed in the following UML diagram:

